

# Seacoast Private Well Initiative

- Purposes
  - Reduce exposure to contaminants
  - Evaluate effectiveness of the approach
  - Promote private well testing & treatment
- Form Project Advisory Committee
- Recruit local coordinators
- Website and materials
- 6 local workshops followed by testing
- Free filter pitchers
- Water testing & treatment fair
- Follow participants for one year
- Evaluation and report



## Estimated populations served by private wells

	Pop served (USGS, 2005)	2019 <u>est</u> (2005 <u>est</u> x 1.045)
Dover	1,906	1,993
Exeter	1,572	1,644
Greenland	1,954	2,043
Hampton	1,746	1,826
<u>Madbury</u>	1,735	1,814
New Castle	0	0
Newington	63	66
North Hampton	936	979
Portsmouth	98	102
Rye	168	176
Seabrook	204	213
Stratham	5,139	5,373
<b>TOTAL</b>	<b>15,521</b>	<b>16,228</b>

Shaded rows represent towns where workshops would be combined with a neighboring town.

## Estimated Costs for Seacoast Arsenic Initiative

Estimated pop served by private wells	16,228		USGS 2005 estimate (see below) x 1.045
Est. households served by private wells	6,491	2.5/HH	
Households participating in testing	2,596	40%	
<b>Well testing at one test/participant</b>	<b>\$272,630</b>	<b>\$105</b>	"Standard" plus Radon
Participants with exceedances for metals	1,558	60%	
Eligible for Medicaid, SNAP, Housing Assistance, Supplemental Security Income, TANF, or General Assistance	312	20%	nationwide statistic
<b>Filter pitchers plus 2 cartridges for public assistance HHs</b>	<b>\$17,137</b>	<b>\$55</b>	
<b>Total funding request</b>	<b>\$289,767</b>		

# Local coordinator's role

01

Arrange venue  
(if in person)

02

Arrange for  
promotion  
(town website,  
news, etc.)

03

Coordinate  
pick-up and  
drop-off site

04

Bring samples  
to lab

# Preliminary timeline: Accelerated

## A team of 6 local coordinators working with NHDES

What?	When?
Advisory committee and <i>team of 6 coordinators</i> recruited	February-March 2022
<b>Planning phase</b> (website created, labs contracted, 6 local coordinators trained, pitchers ordered, etc)	Spring 2022
<b>6 workshops</b> /testing events conducted	Summer 2022
Water testing & treatment <b>fair</b>	<b>Fall 2022</b>
Provide <b>free filter pitchers</b> to low-income participants	Ongoing June—September 2022
<b>Report to Seacoast Commission</b> on preliminary results of project	December 2022
Follow participants for 1 year, <b>collect data</b> on changes in knowledge, behavior, etc.	October 2022—September 2023
<b>Report to Seacoast Commission</b> on results of initiative including data and outcomes, plans for state scale-up	September 2023

## Preliminary timeline: Prolonged NHDES staff without local coordinators

What?	When?
Advisory committee formed	February 2022
<b>Planning phase</b> (website created, labs contracted, pitchers ordered, etc)	Spring 2022
<b>6 workshops</b> /testing events conducted	Second half of 2022
Water testing & treatment <b>fair</b>	<b>January 2023</b>
Provide <b>free filter pitchers</b> to low-income participants	Ongoing June—December 2022
<b>Report to Seacoast Commission</b> on preliminary results of project	March 2023
Follow participants for 1 year, <b>collect data</b> on changes in knowledge, behavior, etc.	January 2023—December 2023
<b>Report to Seacoast Commission</b> on results of initiative including data and outcomes, plans for state scale-up	December 2023

Action item:

Form Advisory Committee

Seacoast Commission members

Community representatives/coordinators